

Platform # 05

Firmware: PKM2

Installation
Manual (1/1 Page)

Description: Mazda Transponder Interface: MPV/Miata (PKM2) NO KEY REQUIRED

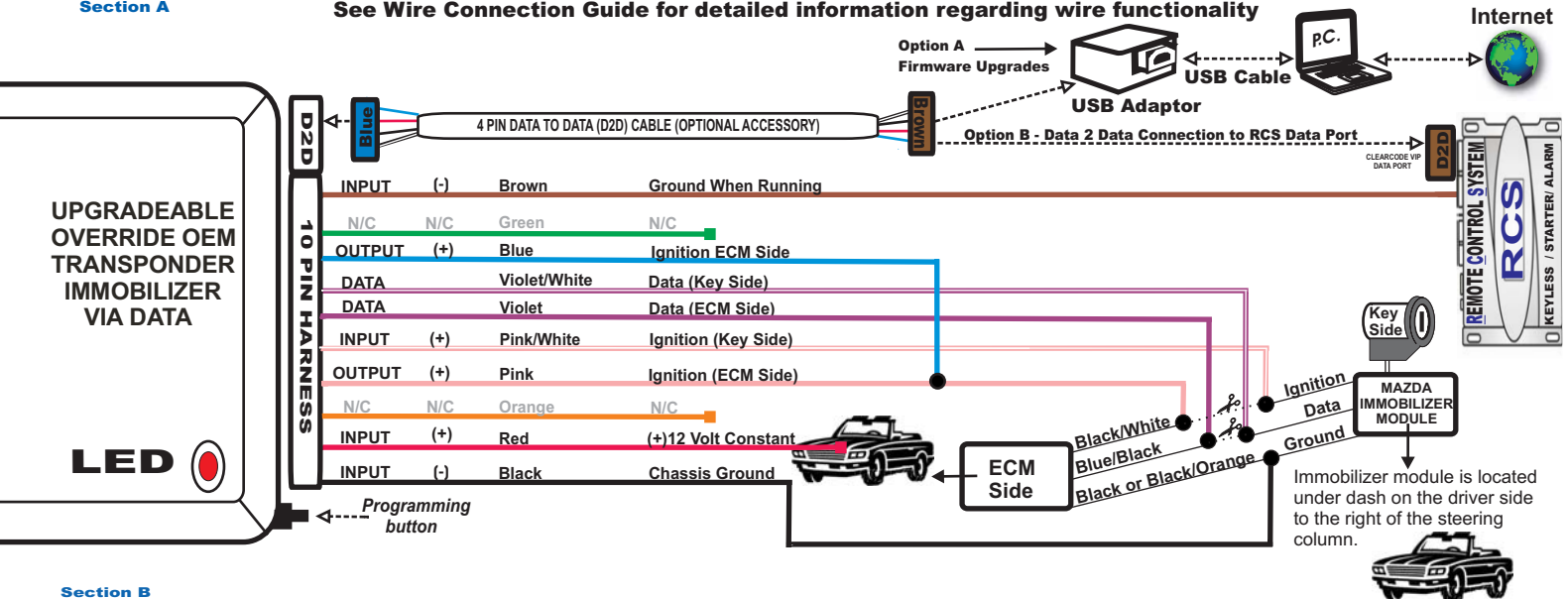
Functions: Data Transponder Interface: Override OEM Transponder Immobilizer Via Data

Downloadable Firmware for Platform #05: PKG3,PKG8,PKH1, PKH2,PKH3,PKH4,PKHY1,PKM2,PKN2,PKT2

WARNING: Before beginning your install go to www.XpressDownload.com and be sure to print the **LATEST** corresponding installation manual for the firmware that is flashed to the platform you are using.

Section A

See Wire Connection Guide for detailed information regarding wire functionality



Section B

WIRE GUIDE: CONNECTIONS

10 PIN HARNESS → D2D = Optional use of 4 Pin Data to Data (D2D) cable will replace the analogue wire (w2w) connection

PIN#	WIRE COLOR	D2D w2w	I/O STATUS	(-) / (+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	D2D w2w	Input	(-)	RCS	Ground When Running output of remote starter	Immobilizer Bypass Via Data
2	Green	N/C	N/C	N/C	N/C	N/C	N/C
3	Blue	w2w	Output	(+)	Vehicle	Connect in parallel to Pink wire of 10 PIN Harness	Ignition Power Source Supply
4	Violet/White	w2w	Data		Vehicle	Connect to Blue/Black Vehicle Data wire (Key Side) *Data wire in the Miata is Red/Black	Data Commands from Module to Vehicle
5	Violet	w2w	Data		Vehicle	Connect to Blue/Black Vehicle Data wire (ECM Side) *Data wire in the Miata is Red/Black	Data Commands from Module to Vehicle
6	Pink/White	w2w	Input	(+)	Vehicle	Connect to Black/White Vehicle Ignition wire (Key Side)	Ignition Power Source Return
7	Pink	w2w	Output	(+)	Vehicle	Once connected in parallel to Blue wire of 10 PIN harness, connect to Black/White Vehicle Ignition wire (ECM Side)	Ignition Power Source Supply
8	Orange	N/C	N/C	N/C	N/C	N/C	N/C
9	Red	D2D w2w	Input	(+)	Vehicle	Constant (+) 12 Volt Source	Power Source
10	Black	D2D w2w	Input	(-)	Vehicle	Connect to Black or Black/Orange Vehicle Ground wire	Ground Source

Legend RCS = Remote Control System N/C = No Connection N/A = Not Applicable W2W= analogue wire to wire D2D= data 2 data

DATA to DATA PORT (D2D): Blue connector of D2D Cable plugs into the upgradeable vehicle interface module.

OPTION A: - D2D Port used to connect to USB Bootloader adaptor & computer to download & flash vehicle interface firmware.

OPTION B: - D2D Port used to connect to the data port of a remote control system equipped with ClearCode Vehicle Interface Protocol.

Remote control systems designed with ClearCode VIP can securely communicate via the D2D cable to transmit & receive data commands which initiate specific vehicle function such as doorlocks & immobilizer override and /or request information from the vehicle such as status of entry points (doors) or ambient temperature, diesel glow plug etc... ClearCode VIP represents the doorway to vehicle integration...As an enhanced security feature, this upgradeable vehicle interface module automatically detects when the Vehicle Interface Protocol is present and deactivates the analogue override input wire (brown wire) ensuring that this module can only be activated by an authorized user.

Section C

VEHICLE PROGRAMMING

1) Once module has been properly connected, press and hold programming button then turn key to **IGNITION** position, LED should come on solid.

2) Start vehicle by key, LED will begin to flash. Module is now programmed.

***To RESET, press and hold button and plug in module. LED comes on. When LED goes off, release button.**